



California Regional Water Quality Control Board

Lahontan Region



Linda S. Adams
Secretary for
Environmental Protection

Victorville Office
14440 Civic Drive, Suite 200, Victorville, California 92392
(760) 241-6583 • Fax (760) 241-7308
<http://www.swrcb.ca.gov/rwqcb6>

Arnold Schwarzenegger
Governor

December 16, 2009

TO: ATTACHED MAILING LIST

WDID NO. 6B360207001

AMENDED WASTE DISCHARGE REQUIREMENTS FOR VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY, WESTWINDS GOLF COURSE AND HIGH DESERT POWER PROJECT, SAN BERNARDINO COUNTY

Enclosed are tentative Waste Discharge Requirements (WDRs) for the above subject.

The California Regional Water Quality Control Board requests that you review the enclosed documents and provide us with your written comments no later than **January 18, 2010**. Comments received after that date cannot be given full consideration in preparation of the recommended Board Order to be presented to the Regional Board for adoption at the meeting scheduled for March 10 and 11, 2010.

If you need further information regarding the WDRs, please contact our office.

Sincerely,

Rebecca Phillips
Office Technician

Enclosures: Tentative Board Order
Comment form

cc: Mailing List

UNRECORDED COPY OF THIS DOCUMENT IS AVAILABLE FOR REVIEW AT THE BOARD OFFICE

Notice

Submittal of Written Material for Regional Board Consideration

In order to ensure that the State of California Lahontan Regional Water Quality Control Board has the opportunity to fully study and consider written material, it is necessary to submit it at least ten (10) days before the Regional Board Meeting. Pursuant to Title 23 of the California Code of Regulations, Section 648.2, the Regional Board may refuse to admit written testimony into evidence unless the proponent can demonstrate why he or she was unable to submit the material on time or that compliance with the deadline would otherwise create a hardship. If any other party demonstrates prejudice resulting from admission of the written testimony, the Regional Board may refuse to admit it.

COMPLETE FORM AND RETURN

To: CA Regional Water Quality Control Board, Lahontan Region
14440 Civic Drive, Suite 200
Victorville, CA 92392
ATTN: John Morales

Comments on Amended Waste Discharge Requirements for Victor Valley Wastewater Reclamation Authority, Westwinds Golf Course and High Desert Power Project

_____ We concur with proposed requirements

_____ We concur; comments attached

_____ We do not concur; comments attached

_____(Sign)

_____(Type or print name)

_____(Organization)

_____(Address)

_____(City and State)

_____(Telephone)

**WESTWINDS GOLF COURSE
TENTATIVE MAILING LIST**

REGGIE LAMSON
CITY OF VICTORVILLE WATER
DEPARTMENT
17185 YUMA STREET
VICTORVILLE CA 92392

SANDY HOUCK
OFFICE OF WATER RECYCLING DCWP
PO BOX 944212
SACRAMENTO CA 94244-2120

BRADLEY K. HEISEY
HIGH DESERT POWER PLANT, LLC
19000 PERIMETER ROAD
VICTORVILLE CA 92394

JOHN MORALES, WRC ENGINEER
CRWQCB REGION 6
14440 CIVIC DRIVE STE 200
VICTORVILLE CA 92392

LOGAN OLDS
VICTOR VALLEY WASTEWATER
RECLAMATION AUTHORITY
15776 MAIN STREET SUITE 3
HESPERIA CA 92345

MIKE PLAZIAK, SUPERVISING
ENGINEERING GEOLOGIST
CRWQCB REGION 6
14440 CIVIC DRIVE STE 200
VICTORVILLE CA 92392

FRED STRAUSS, P.G.
TENASKA, INC
1044 N. 115 STREET SUITE 400
OMAHA, NEBRASKA 68154-4446

GORDON INNES
SWRCB
DIVISION OF WATER QUALITY
SACRAMENTO

DAVID C DICKEY
TENASKA, INC
1044 N. 115 STREET SUITE 400
OMAHA, NEBRASKA 68154-4446

BOB PIEROTTI
STATE DEPT OF WATER
RESOURCES
770 FAIRMONT AVENUE
GLENDALE CA 91203-1035

CALIFORNIA ENERGY COMMISSION
DEVELOPMENT DIVISION
1516 NINTH ST MAIL STATION 43
SACRAMENTO CA 95814

DISTRICT ENGINEER
DHS OFFICE OF DRINKING WATER
464 W 4TH STREET STE 437
SAN BERNARDINO CA 92401

JEFF STONE
CDHS OFFICE OF DRINKING WATER
1180 EUGENIA PLACE, STE 200
CARPENTERIA, CA 93013

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION**

**BOARD ORDER NO. R6V-2009-TENTATIVE
WDID NO. 6B360207001**

AMENDED WASTE DISCHARGE REQUIREMENTS

FOR

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

WESTWINDS GOLF COURSE AND HIGH DESERT POWER PROJECT

_____ San Bernardino County _____

The California Regional Water Quality Control Board, Lahontan Region (Water Board) finds:

1. Producer and User

On August 24, 2009, the High Desert Power Project, LLC , hereinafter the "User," submitted an application/Report of Waste Discharge (RWD) for the proposed use of recycled water from the Victor Valley Wastewater Reclamation Authority (VWVRA), hereinafter the "Producer," for cooling applications at the High Desert Power Project (Facility). The RWD was deemed complete on September 23, 2009. VWVRA produces recycled water at its waste treatment facility and will provide recycled water to the City of Victorville. The City of Victorville, hereinafter (Distributor) through its Victorville Water District subsidiary, will distribute the recycled water obtained from VWVRA to the High Desert Power Project. For the purposes of this Order, "recycled water" as defined in the California Water Code (CWC), section 13050 and "reclaimed water" as used in CWC section 13523 are synonymous and refer to treated wastewater suitable for reuse.

2. Facility Location

The Facility is bordered to the east by Perimeter Road in the City of Victorville. To the west is previously graded but undeveloped land extending to the Southern California Logistics Airport (SCLA) operation area. The Facility is located in Section 24, Township 6 North, Range 5 West of San Bernardino Baseline and Meridian (Attachment A).

The Producer also supplies recycled water as prescribed in VWVRA's Westwinds Golf Course Water Recycling Requirements, Board Order No. R6V-2003-028. The operations at HDPP will not include any on-site discharges of recycled water.

3. Reason for Action

The Water Board is amending the WDRs, Board Order No. R6V-2003-028, for the Westwinds Golf Course to allow discharge of tertiary treated water to include HDPP as an additional user.

4. Other Related Requirements

The discharge of treated wastewater from the Producer's wastewater treatment plant (WWTP) is regulated by Board Order No. R6V-2008-004 (Waste Discharge Identification No. 6B360109001 and National Pollutant Discharge Elimination System No. CA 0102822) adopted on February 14, 2008. The use of recycled water at HDPP is regulated under HDPP's Water Recycling Requirements, Board Order No. R6V-2009-0138.

5. Land Ownership

The HDPP is located on land owned by the U.S. Government acting through the U.S. Air Force. The property is part of the former George Air Force Base now known as Southern California Logistics Airport. A lease dated April 29, 1994, leases the base property to Victor valley Economic Development Authority (VVEDA) for 25 years with an option to extend the lease for an additional 25 years with no additional requirements. VVEDA assigned its rights under this lease to the Southern California Logistics Airport Authority (SCLAA) by assignment agreement on October 25, 2000. SCLAA and High Desert Power Project Trust entered into a ground lease agreement for the HDPP site in February 2001.

6. California Environmental Quality Act

The California Energy Commission is the lead agency under the California Environmental Quality Act (CEQA). The California Energy Commission has issued a staff analysis, which serves as a supplement to a petition for modification to use reclaimed water, submitted by High Desert Power Project, LLC. The supplement is a CEQA equivalent document used by the California Energy Commission. The Water Board acting as a CEQA Responsible Agency pursuant to California Code of Regulations, title 14, section 15096, subdivision (g)(2), evaluated the potentially significant impacts to water quality addressed in the environmental documents and finds the impact to water quality from the proposed water reuse project will be insignificant. The minimal discharge from the cooling towers as drift is insignificant since the rate of water escaping as drift is not sufficient to pool or percolate.

7. Lahontan Basin Plan

The Water Board adopted a Water Quality Control Plan for the Lahontan Region (Basin Plan) which became effective on March 31, 1995, and this Order implements the Basin Plan as amended.

8. Notification of Interested Parties

The Water Board has notified the User, Producer, Distributor, and interested persons of its intent to adopt Water Recycling Requirements for the High Desert Power Project, LLC.

9. Consideration of Public Comments

The Water Board, in a public meeting, heard and considered all comments pertaining to the recycled water use project.

10. State Water Board Recycled Water Policy

State Water Board Resolution No. 2009-0011, "Adoption of a Policy for Water Quality Control for Recycled Water," references and adopts the "State Water Resources Control Board Recycled Water Policy" (Recycled Water Policy). The Recycled Water Policy provides direction to the State and Regional Water Boards regarding the appropriate criteria to be used in issuing permits for some recycled water projects. The Recycled Water Policy describes permitting criteria intended to streamline, and provide consistency for, the permitting of the vast majority of recycled water projects. The Recycled Water Policy addresses impacts to water quality through a salt management plan including a degradation analysis. Because there is no discharge to surface water or ground water authorized by this Order, a salt management plan and degradation analysis are not necessary. This Order implements the Recycled Water Policy because CDPH reviewed and accepted the Engineering Report to satisfy Section 5.b. of the policy.

IT IS HEREBY ORDERED that the Discharger must comply with the following amended requirements:

- I. Add the following to section I., Producer Effluent Specifications, A, B, C, D and E.
 - A. The Recycled Water supplied by the Producer to the User shall meet all requirements of Section 60306, (Use of recycled water for cooling), Title 22, CCR and related Sections of Title 22 as described in Attachment E.
 - B. The total flow of recycled water to HDPP shall not exceed the proposed 1,000 acre-feet per year capacity specified in the Water Recycling requirements Board

Order No. R6V-2009-0138.

- C. The pH of the recycled water delivered to HDPP shall, at all times, be not less than 6.0 nor more than 9.0.
- D. All recycled water delivered to HDPP shall have a dissolved oxygen concentration of not less than 1.0 mg/L at all times.
- E. Recycled water shall not be used at other locations or for uses other than those specified in Section II.B., above. Before any use may be changed or expanded, the User/Producer must file a revised Report of Recycled Water Use to the Regional Board in accordance with Section 13523 of the CWC, a revised Title 22 engineering report (approved by the State DHS) and the Regional Board must issue new or modified Water Reclamation Requirements. Requirements shall also be maintained at HDPP.

Provisions

- A. Pursuant to California Water Code, section 13267(b), the High Desert Power Project, LLC shall comply with the Monitoring and Reporting Program. The Monitoring and Reporting Program may be modified by the Executive Officer.
- B. The User shall immediately notify the Water Board whenever an adverse condition occurs as a result of this reuse; written confirmation shall follow. An adverse condition includes, but is not limited to, a release of recycled wastewater from the cooling towers.
- C. Any proposed material change in the character of water to be recycled, method of reuse, location of reuse or quantity of recycled water shall be reported to the Water Board.
- D. The Water Board hereby reserves the privilege of changing all or any portion of this Order upon legal notice to and after opportunity to be heard is given to all concerned parties.
- E. The owner(s) of property subject to recycling requirements shall be considered to have a continuing responsibility for ensuring compliance with applicable recycling requirements in the operation or use of the owned property. Any change in the ownership and/or the operation of property subject to recycling requirements shall be reported to the Water Board. Notification of applicable recycling requirements shall be furnished the new owner(s) and or operator(s). A copy of such notification shall be sent to this Water Board.

- F. The User must comply with the "Standard Provisions of Waste Discharge Requirements," dated September 1, 1994, in Attachment "D" which is made part of this Order.
- G. The User must comply with "General Provisions for Monitoring and Reporting," dated September 1, 1994, which is attached to and made part of the Monitoring and Reporting Program.

I, Harold J. Singer, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Lahontan Region, on March 10, 2010.

HAROLD J. SINGER
EXECUTIVE OFFICER